

GENERAL ABSTRACT

OF THE NUMBERS OF

MARRIAGES, BIRTHS, AND DEATHS

REGISTERED IN

IRELAND

DURING THE YEAR

1883.

Presented to both Houses of Parliament by Command of His Majesty.



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1884.

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TO HIS EXCELLENCY

JOHN POYNTZ, EARL SPENCER, K.G.,

&c. &c. &c.

LORD LIEUTENANT-GENERAL AND GENERAL GOVERNOR OF IRELAND.

MAY IT PLEASE YOUR EXCELLENCY,

In compliance with the provisions of the Acts 7 & 8 Vic., cap. 81, 26 Vic., cap. 11, and 26 and 27 Vic., cap. 90, I have the honour to transmit, in order that the same may be laid before Parliament, a General Abstract of the numbers of Marriages, Births, and Deaths registered in Ireland during the year 1883.

During the year 21,490 Marriages, 118,224 Births, and 96,388 Deaths were registered; in the same period (according to the returns obtained by the Royal Irish Constabulary and the Metropolitan Police, who acted as enumerators at the several Irish seaports), 108,724 persons emigrated. A decrease of 86,888 would thus appear to have taken place in the population. The estimated population in the middle of the year was 5,015,328.

The mean temperature at Dublin for the year was 48.2° against an average of 48.6° for the previous thirteen years, and the rain-fall measured 29.351 inches, being 320 in. over the average for the years 1870-82.

MARRIAGES.—The number of Marriages registered in Ireland during the year 1883 was 21,490, being equal to a ratio of 1 in 233, or 4.28 per 1,000, of the estimated population in the middle of the year. Of this number, 14,655 were registered under the provisions of the Act 26 & 27 Vic., cap. 90, and 6,835 under the 7 & 8 Vic., cap. 81, being equal respectively to 1 Marriage in every 262 Roman Catholics, and 1 in every 172 Protestants. The average annual number of Marriages registered in the ten years 1873-82 was 23,811, or 4.51 per 1,000 of the mean population; the rate for the year 1882 was 4.32 per 1,000 persons.

BIRTHS.—The Births registered in Ireland during the year number only 118,224—60,706 boys and 57,518 girls—affording a ratio of 1 in every 42.4, or 23.6 per 1,000 of the population, against an average rate of 25.6 per 1,000 for the previous ten years.

DEATHS.—The number of Deaths registered was 96,388—47,735 males and 48,653 females—equal to a ratio of 1 in every 52.0, or 19.2 per 1,000 of the population, being 1.0 per 1,000 persons over the average rate for the ten years 1873-82, and 1.8 over the rate for 1882.

Ages.—Of the 96,388 Deaths registered during the year, 11,775, or 12.2 per cent., were of children under 1 year old, and 40,576, or 42.1 per cent., were of persons aged 60 years and upwards: the deaths of infants under one year old are equal to 99.6 per 1,000 Births registered.

Diseases.—During the year, 8,207 Deaths were returned by the Registrars as having been caused by one or other of the principal zymotic diseases, being 8.5 per cent. of the total Deaths, and equal to 1.64 in every 1,000 persons living. The average annual number of Deaths from these diseases during the previous ten years was 10,386, or 1.98 in every 1,000 of the estimated average population, the lowest number during that period being 7,510 in the year 1881, and the highest 12,787 in 1874.

Of the 8,207 Deaths from these diseases last year, 22 (17 of which occurred in Belfast Union), were caused by small-pox, showing a decrease of 107 as compared with the number in the year 1882, and a decline of 362 as compared with the average for the ten years 1873-82; 713 by measles, which in the preceding year caused 1,518 deaths;

1,719 by scarlet fever, being 489 more than the number for the year 1882, but 380 under the average for the ten years 1873-82; 237 by diphtheria; 1,879 by whooping-cough, being 1,047 over the number for the previous year, and 148 over the average for the ten years 1873-82; 2,099 by fever (964 typhus, 757 enteric or typhoid, and 378 simple continued and ill-defined fever), being 739 under the average for the ten years 1873-82; 1,509 by diarrhoea, being 289 under the average; and 29 by simple cholera.

Inquests.—There were 2,107 inquests reported to the Registrars, being 1 inquest to every 46 deaths registered.

Deaths in Public Institutions.—Of the 96,898 Deaths registered during the year, 15,364, or 15·9 per cent., occurred in public institutions.

Being closely connected with the subject of Vital Statistics, Tables relating to Emigration, Pauperism, the Weather, and the Prices of the principal articles of Food in 1883 and the previous ten years, are appended.

Incorporated with the Abstract of Marriages, Births, and Deaths are Vaccination Statistics for each Province, County, and Superintendent Registrar's District. I submit also a table (Table V.) showing the Births and Deaths, and the Deaths from the principal Zymotic Diseases in the Urban Sanitary Districts of Ireland, and affording the means of comparison between the mortality in these districts and that in the rural portions of the country. The figures in this table and the details regarding vaccination are given on the authority of the Registrars, by whom the information for their respective districts was compiled from the original records.

As the general tabulation of the records of Marriages, Births, and Deaths for the year 1883 has not yet been completed, the particulars given in the Abstract, which are derived from the preliminary Quarterly Returns furnished by the Registrars, will probably be found to differ, in some instances, but not to any important extent, from the revised numbers in the Abstracts to be hereafter presented to Parliament with my detailed Report on the registration for the year.

I have the honour to be,

Your Excellency's very faithful servant,

T. W. GRIMSHAW, M.A., M.D.,

Registrar-General

GENERAL REGISTER OFFICE,
CHARLEMONT HOUSE, DUBLIN,
27th March, 1884.

TABLE I.—Showing for each of the Years 1873-83 the estimated Population; the number of Marriages, Births, and Deaths registered, and the number of Emigrants enumerated, with the rates per 1,000 of the estimated Population represented thereby, and the averages for the Ten Years 1873-82.

YEAR.	Estimated Population as at the middle of each year.	Numbers Registered.			Number of Emigrants returned by the Returns.	Rate per 1,000 of Estimated Population.			
		Marriages	Births	Deaths		Marriages	Births	Deaths	Emigrants
1873.	5,321,516	58,702	148,937	57,587	16,249	4.13	31.1	31.0	349
1874.	5,318,270	58,481	148,575	57,261	16,314	4.43	28.8	31.3	128
1875.	5,315,019	58,037	149,520	56,518	16,589	4.63	35.1	38.6	97
1876.	5,317,566	58,918	149,619	57,324	16,327	4.96	24.6	37.3	71
1877.	5,320,800	58,729	149,699	57,348	16,393	4.63	30.2	37.0	79
1878.	5,320,246	58,588	150,137	56,819	16,536	4.73	25.1	38.0	77
1879.	5,320,673	58,254	150,238	56,536	17,083	4.24	22.2	38.3	68
1880.	5,321,445	58,367	150,366	56,366	16,367	3.83	24.7	39.6	77.6
1881.	5,320,783	58,076	150,312	56,265	16,417	4.23	24.5	37.8	12.2
1882.	5,319,539	58,072	150,248	56,189	16,196	4.37	24.8	37.4	37.5
1883.	5,318,389	58,072	150,248	56,189	16,196	4.37	24.8	37.4	13.3
Yearly Average 1873-82.	5,318,255	58,511	149,815	57,064	16,214	4.53	27.6	35.3	—
1883.	5,309,259	58,118	151,216	56,854	16,725	4.26	33.4	32.2	22.7

TABLE II.—Showing for each REGISTRATION PROVINCE and COUNTY in Ireland the ANNUAL RATE per 1,000 of the Population,* represented by the number of MARRIAGES, BIRTHS, and DEATHS registered in the Year 1883.

REGISTRATION PROVINCE AND COUNTY	Annual Rate per 1,000 of the Population* represented by			REGISTRATION PROVINCE AND COUNTY	Annual Rate per 1,000 of the Population* represented by		
	Marriages	Births	Deaths		Marriages	Births	Deaths
ENGLAND.	49	29.4	39.7				
				II. MONYTHIAN.			
				Clare.	—	—	3.0
				Cork.	—	—	4.9
				Donegal.	—	—	3.1
				Galway.	—	—	3.6
				Kerry.	—	—	2.4
				Limerick.	—	—	2.4
				Tipperty.	—	—	2.4
				Waterford.	—	—	4.8
				III. ULSTER.			
				Antrim.	—	—	0.7
				Armagh.	—	—	5.0
				Cavan.	—	—	2.9
				Derry.	—	—	2.9
				Donegal.	—	—	2.9
				Dow.	—	—	2.9
				Fermanagh.	—	—	4.0
				Leitrim.	—	—	4.0
				Longford.	—	—	2.1
				Monaghan.	—	—	2.1
				Tipperary.	—	—	2.5
				IV. CONNEMARA.			
				Galway.	—	—	2.5
				Leyton.	—	—	2.8
				Mayo.	—	—	3.8
				Roscommon.	—	—	2.6
				Sligo.	—	—	2.7

* The population adopted for Ireland is the estimated population in the middle of the past year that for each of the Provinces and Counties is the population as shown by the Census of 1881.

TABLE III.—Deaths from all causes, and from each of the principal **Zymotic Diseases** (Small-pox, Measles, Scarlet Fever, Typhus, Whooping-cough, Diphtheria, Simple continued and ill-defined Fever, Enteric Fever, Diarrhoea, and Cholera) registered in Ireland during the years 1873-83, with the average annual number in the ten years 1873-82; the annual mortality per 1,000 of the estimated population, from all causes, and from the above-named Diseases; and the ratio which the Deaths from those Diseases bear to the total Deaths registered in each Year.

[Note.—The particulars for the year 1883, derived from the Quarterly Statistical Returns furnished by the Registrars, are subject to revision.]

YEAR.	Total Deaths Registered.	Deaths from Principal Zymotic Diseases.								Annual Mortality per 1,000 Estimated Population.	Per cent of Total Deaths from all causes.				
		Small-pox	Measles	Scarlet Fever	Typhus	Whooping-cough	Diphtheria	Simple continued Fever	Enteric Fever						
1873.	30,322	864	1,288	2,383	611	1,000	396	1,408	1,048	2,000	51	11,820	31.31	2.18	11.9
1874.	31,581	829	857	4,024	755	2,000	465	1,662	910	1,621	130	12,320	39.37	2.42	12.6
1875.	30,154	722	876	3,914	654	3,000	441	1,831	832	1,624	39	10,856	34.01	2.54	11.1
1876.	30,734	58	652	5,102	679	3,000	366	3,103	588	1,258	30	8,837	27.15	3.78	30.2
1877.	30,343	71	1,087	3,117	256	4,000	216	1,887	911	1,864	66	8,103	27.22	3.75	31.1
1878.	30,810	573	3,102	1,079	749	3,103	296	1,231	905	1,248	46	12,010	18.89	2.30	17.6
1879.	166,889	472	1,000	1,000	733	1,000	399	1,022	1,037	1,026	99	3,935	24.00	1.81	24.8
1880.	171,462	289	1,000	2,042	584	2,000	204	1,079	1,007	1,026	87	31,184	17.03	2.33	17.8
1881.	28,023	52	402	1,044	820	1,000	208	374	818	1,096	23	7,548	27.58	2.46	25.8
1882.	28,500	189	2,518	1,000	744	4,000	365	837	848	1,081	41	7,004	12.26	2.04	20.8
Trade Average 1873-82.	31,964	216	1,011	2,000	748	1,000	322	1,155	962	1,146	61	36.26	31.31	1.36	30.8
1883.	56,389	53	112	3,719	864	4,079	322	278	787	1,389	29	8,397	15.12	1.64	14.8

TABLE IV.—AVERAGE PRICES in DUBLIN of BREAD, OATMEAL, POTATOES, and BEEF during the Years 1873-83, and the AVERAGE NUMBER of PERSONS in IRELAND receiving IN-DOOR and OUT-DOOR RELIEF on Saturdays in those Years; also the AVERAGE PRICES of PROVISIONS and the AVERAGE NUMBER of PERSONS in RECEIPT of RELIEF during each quarter of the Year 1883.

YEAR.	Average Prices of Provisions.								PAUPERISM.	
	BREAD (Home & Molded & Co's Bread)	OATMEAL (One Penny Exchange per Cwt.)	Potatoes (at Potato Market), per Cwt.				BEEF at the Dublin Cattle Market, per Cwt.	Average Number of Persons RELIEVED*		
			In-Door.	Out-Door.	In-Door.	Out-Door.		In-Door.	Out-Door.	
1873.	51	12.1	5.1	5.1	4.1	4.1	61.0	49.2	41,210	89,313
1874.	5	12.2	4.1	4.1	4.1	4.1	54.0	52.0	42,220	88,223
1875.	7	12.1	3.12	4.1	3.12	4.1	57.0	55.0	45,000	88,261
1876.	5	10.7	2.8	3.1	2.8	3.1	50.0	48.0	43,004	81,409
1877.	6	12.90	4.7	4.7	4.7	4.7	50.0	48.0	44,010	83,905
1878.	72	12.0	4.1	4.1	4.1	4.1	48.0	46.0	44,408	83,783
1879.	7	14.2	6.0	6.0	6.0	6.0	57.0	55.0	42,023	80,231
1880.	72	15.2	4.2	4.2	4.2	4.2	54.0	52.0	44,610	81,614
1881.	72	14.1	2.2	2.2	2.2	2.2	57.0	55.0	40,028	81,810
1882.	72	13.6	2.1	2.1	2.1	2.1	48.0	46.0	41,197	81,147
1883.	7	17.2	2.1	2.1	2.1	2.1	65.0	53.0	50,238	80,791
3rd Quarter, 1873.	T	17.6	6.2	6.2	6.2	6.2	67.0	55.0	50,028	84,122
4th.	T	17.8	5.4	5.4	5.4	5.4	52.0	51.0	41,210	84,008
1st.	T	17.6	2.6	2.6	2.6	2.6	67.0	55.0	45,148	83,503
2nd.	T	17.0	2.2	2.2	2.2	2.2	65.0	53.0	45,137	83,566

* Compiled from Returns furnished by the Local Government Board.

URBAN SANITARY DISTRICTS.

TABLE V.—BIRTHS and DEATHS registered during the Year 1883, in the DUBLIN REGISTRATION DISTRICT, and in each of the PROVINCIAL URBAN SANITARY DISTRICTS in IRELAND (exclusive of Deaths in Public Institutions of Persons admitted from other localities), with the number of Deaths from each of the PRINCIPAL ZYMOTIC DISEASES.†

NOTE.—The Dublin Registration District, which consists of the City of Dublin, and the Suburban Districts, comprises the Dublin Sanitary Districts of the County, Bandon, Ballybrack, and Glanmire, Killiney, Sandycove, Sandymount, Rathgar, Rathfarnham, and Killiney, and includes the parts of the Four Local Urban in which these Districts are situated. The death for it, and for each of the fifteen Urban Sanitary Districts worked out (7) in the following Table have been compiled from the Weekly Returns forwarded by the Registrars and made in the present work ending January, 1884.

PROVINCE AND URBAN SANITARY DISTRICT.	REGISTRATION, 1883									
	GENERAL STATISTICS OF BIRTHS IN 1883		GENERAL STATISTICS OF DEATHS IN 1883		REGISTRATION, 1883					
	Popula- tion in m.	Per cent age Ann.	Births in m.	Deaths in m.	From all Causes	From Principal 21 Diseases (See note)	Total Deaths	Deaths from all Principal 21 Diseases	Deaths from all Principal 21 Diseases	Deaths from all Principal 21 Diseases
TOTAL, IRELAND.	3,174,406	3.3	25.5	18.6	2.6	119,394	46,512	11,273	48,184	37
DUBLIN SANITARY DISTRICT.	4,377,201	0.9	41.0	15.7	1.9	100,025	65,101	7,515	33,394	2
TOTAL URBAN SANITARY DISTRICTS.	1,927,320	15.2	70.1	26.5	8.1	92,106	57,375	4,610	27,005	34
PROVINCIAL URBAN SANITARY DISTRICTS.	946,654	36.9	55.1	30.2	3.1	8,045	5,019	3,274	2,616	77
I. LONDON.										
City.	8,235	6.1	22.5	17.9	2.1	1,000	715	10	45	
Coventry.	5,142	11.1	21.5	17.9	2.1	945	545	20	67	
Guildford.	3,234	10.6	21.5	17.9	2.1	625	40	8	17	
Harrow.	3,087	21.1	21.5	17.9	2.1	521	325	20	118	
Haslemere.	11,203	2.2	22.5	17.9	2.1	363	201	31	75	
Hastings.	4,056	12.6	21.7	17.9	2.1	725	575	10	96	
Kent.	8,312	19.7	21.6	17.9	2.1	905	72	7	24	
Leicester.	15,198	17.6	21.6	17.9	2.1	1,000	605	54	115	
Newcastle.	6,379	12.1	21.6	17.9	2.1	140	101	35	45	
Peterborough.	4,805	9.7	21.6	17.9	2.1	134	133	35	33	
From Woolwich.*	1,036	9.0	21.7	17.9	2.1	44	27	8	20	
Woolwich.	15,943	27.2	21.7	17.9	2.1	200	145	20	117	
Worthing.	2,316	21.1	21.7	17.9	2.1	37	22	30	36	
II. MIDDLESEX.										
Camden.	4,645	3.8	28.0	17.7	2.0	170	100	35	35	
Cheshunt.	3,063	12.0	29.1	21.3	2.0	100	50	10	57	
Chipping.	3,019	14.2	28.9	21.3	2.0	100	50	10	57	
Dartford.	8,124	30.4	21.1	17.9	2.1	1,000	500	10	107	
Dagenham.	6,300	25.9	29.1	21.3	2.0	120	120	35	35	
Enfield.	3,007	12.6	21.7	17.9	2.1	100	75	10	60	
Finsbury.	4,614	29.7	21.5	17.9	2.1	100	50	10	57	
Greenwich.	6,011	40.5	21.5	17.9	2.1	100	50	10	57	
Kensal.	3,045	12.8	21.5	17.9	2.1	100	50	10	57	
Leamington.	38,262	21.0	21.5	17.9	2.0	1,000	500	10	107	
Queensbury.	2,700	32.0	21.5	17.9	2.1	974	526	40	40	
Stepney.	5,200	2.4	21.5	17.9	2.1	100	50	10	57	
Thaxted.	4,819	20.0	21.5	17.9	2.1	100	50	10	57	
Tottenham.	9,012	26.7	21.5	17.9	2.1	100	50	10	57	
Walthamstow.	25,417	42.1	21.5	17.9	2.1	100	50	10	57	
Woolwich.	2,208	40.9	21.5	17.9	2.1	100	50	10	57	
III. DUNDEE.										
Aberdeen.	10,019	9.1	22.8	19.1	2.1	100	50	10	57	
Bellahouston.	5,543	22.0	22.8	19.1	2.1	100	50	10	57	
Buchanan.	2,009	9.3	22.8	19.1	2.1	100	50	10	57	
Dumbarton.	2,006	26.6	22.8	19.1	2.1	100	50	10	57	
Dundee.	26,123	24.7	22.8	19.1	2.1	1,000	500	10	107	
Clydebank.	4,365	26.8	22.8	19.1	2.1	100	50	10	57	
Falkirk.	3,212	26.2	22.8	19.1	2.1	100	50	10	57	
Holyrood.	2,000	24.8	22.8	19.1	2.1	100	50	10	57	
Lethamshane.	3,116	22.3	22.8	19.1	2.1	100	50	10	57	
Lithgow.	36,750	26.6	22.8	19.1	2.1	100	50	10	57	
Lochmaben.	33,382	389	22.7	19.2	2.1	100	50	10	57	
Lomond.	10,335	11.9	22.7	19.2	2.1	100	50	10	57	
Musselburgh.	3,200	24.9	22.7	19.2	2.1	100	50	10	57	
Renfrew.	14,484	27.1	20.7	19.2	2.1	100	50	10	57	
Stirlingshire.	3,611	22.9	20.7	19.2	2.1	100	50	10	57	
Westport.	7,380	22.9	22.7	19.2	2.1	100	50	10	57	
IV. DUBLIN.										
Architects.	6,742	6.0	20.6	22.8	2.1	100	50	10	57	
Bellenden.	4,771	21.1	27.0	19.3	2.1	100	50	10	57	
Calvert.	26,472	21.7	25.2	19.3	2.1	100	50	10	57	
Elgin.	30,861	20.9	27.8	17.7	1.9	100	50	10	57	

* Births per 1,000 males, married, single, widowed, and divorced; deaths from all defined causes, entered after marriage, and single deaths.

† Deaths per 1,000 males, married, single, widowed, and divorced. Deaths from Public Institutions of Persons admitted from other localities, with the number of Deaths from each of the Principal Zymotic Diseases.

THE WEATHER.

The following particulars have been extracted from Meteorological Observations taken during the years 1870-83, at 40, Fitzwilliam-square, West, Dublin, by J. W. Moore, M.D., Univ. DUBL., F.R.Q.C.P., F.R. Met. Soc., Observer at Dublin for the Meteorological Office, London.

The mean Atmospheric Pressure has been obtained from daily readings of the barometer at 9 A.M. and 9 P.M., corrected and reduced to 32° Fahrenheit at the mean sea level. The Mean Temperature values have been deduced from the maximal and minimal readings of the thermometer in the shade by Kaenitz's Formula, viz., $\text{min.} + \{\text{max.} - \text{min.} \times 4\} = \text{Mean Temperature}$. The per-cent. Amount of Cloud has been deduced from observations made three times daily—at 9 A.M., 3 P.M., and 9 P.M.—for the years 1870-1874 inclusive, and from observations made twice daily—at 9 A.M. and 9 P.M.—for the years 1875-1883 inclusive. The Rainfall is that measured daily at 9 A.M. A rainy day is one on which at least one-hundredth (0.1) of an inch of rain falls within the twenty-four hours from 9 A.M. to 9 A.M.

The Mean Height of the Barometer during the year 1883 was 29.923 inches. The highest observed reading was 30.802 inches, at 9 A.M. on February 23rd. The lowest observed reading was 29.573 inches, at 9.50 P.M. on January 25th. The extreme range of atmospheric pressure was 2.229 inches.

The Mean Temperature of the year, deduced from the maximal and minimal readings of the thermometer in the shade by Kaenitz's formula, was 48.2°. The highest reading was 71.4° on August 26th; the lowest reading was 25.4° on March 24th. The average mean temperature for the years 1870-83 calculated in the same way, was 48.6°. The mean temperature, deduced from the daily readings of the dry bulb thermometer at 9 A.M. and 9 P.M., was 48.8°.

Rain fell on 188 days, including snow or sleet on 23 days, and hail on 30 days. The average number of rainy days in the years 1870-83 was 199.2. The total rainfall measured 29.651 inches, compared with an average of 29.031 inches in the years 1870-82. Of this amount 19.649 inches fell in the first six months of the year, on 90 days.

As regards the Direction of the Wind 720 observations were made during the year, with this result—N., 33; N.E., 38; E., 63; S.E., 67; S., 86; S.W., 88; W., 223; N.W., 63; Calms 54.

A general review of the year 1883 shows that the annual mean temperature was about half a degree below the average; the rainfall (29.651 inches) was slightly above the average of the thirteen years 1870-82 (29.031 inches) and decidedly above that of the longer period of eighteen years, 1865-82 (28.339 inches). The rainy days, on the contrary, were below the average both of the thirteen years, 1870-82 (199.2 days) and of the eighteen years, 1865-82 (195.4 days). The excess of the rainfall was caused by the occurrence of several heavy falls within 24 hours—thus, 1.007 inches fell on February 1, 1.389 inches on April 26, 1.397 inches on May 8, 1.037 inches on August 6, and 1.380 inches on September 1—that is, 6.200 inches, or about 31 per cent. of the total precipitation in the year—were measured on five days.

The amount of cloud was 2 per cent. below the average, namely, 58.8 per cent. against 60.8 per cent.

Appended are some more detailed remarks upon the different months of the year 1883.

JANUARY.—An open, rainy, stormy month. The mean temperature (42.7°) was 2° above the average of the preceding eighteen years, while the rainfall (2.679 inches) and rainy days (20) were also both above the average—2.255 inches and 16.9 days.

In Dublin an aurora was seen on the 3rd; solar halos were seen on the 28th, 29th, and 31st; lunar halos on the 18th and 21st. Hail fell on the 24th, 26th, and 29th; sleet or snow on the 25th, 26th, 29th, and 30th. There was more or less fog on the 6th, 7th, 20th, 22nd, and 31st.

FEBRUARY.—During the first three weeks stormy weather with heavy rains prevailed. From the 20th an anticyclone lay over the British Islands and France, so that the weather became fine and quiet, meanwhile continuing for the most part mild and open. The mean temperature (43.4°) was slightly above the average (42.3°) of the previous eighteen years. The rainfall (3.752 inches) was considerably in excess of the average (2.989 inches); the rainy days (17) were about the average (17.5).

In Dublin the range of atmospheric pressure amounted to two inches. Solar halos were observed on the 1st, 8th, and 19th. Snow or sleet fell on the 1st, 11th, and 15th; hail on the 1st, 10th, 12th, and 15th. A thunderstorm occurred on the 15th. The atmosphere was foggy on the 18th, 19th, and 25th.

MARCH.—An intensely cold and dry month, with constant polar winds and frequent showers of hail, sleet, and snow. The mean temperature was slightly below that (35.2°) of the memorably eighteen years. It was also about 5° below the average mean temperature of the preceding (1865-82) (35.6°) inches) was less than one-half the average (2.151 inches), and the rainy days were only 12 compared with an average of 16.8.

In Dublin thunder was heard on the 15th, lightning was seen on the 27th. The air was foggy on the 4th, 10th, 14th, and 20th. A solar halo was seen on the 28th. Snow or sleet fell on the 7th, 8th, 10th, 14th, 15th, 16th, 17th, 18th, 22nd, and 26th; hail was noted on the 7th, 8th, 12th, 14th, 15th, 16th, 17th, 18th, 26th, 27th, 28th, and 30th.

APRIL.—This was a cold, dry month—easterly and south-easterly winds prevailing, although not to such an extent as during March. The mean temperature was 1.6° below the average of the previous eighteen years; but the extremes were not great, the thermometer rising only to 60.0°, and not falling lower than 34.3° in the city of Dublin. The rainfall (2.207 inches) was in excess of the average of the years 1865-82 inclusive (2.047 inches), but nevertheless the month is fittingly described as "dry," because the rainy days were only 10, compared with an average of 15.5, and of the total rainfall 1.863 inches, or nearly 85 per cent., fell within thirty-six hours on the 24th and 27th. The amount of cloud was very moderate, and much sunshine was enjoyed.

In Dublin solar halos were observed on the 1st, 7th, and 14th; a lunar halo with parhelia appeared on the 16th. Aurora were seen on the 3rd, 9th, and 24th. Hail fell on the 19th and 23rd. The atmosphere was foggy on the 3rd, 5th, 7th, 8th, and 12th. On the morning of the last named day a cold and thick vapour fog prevailed.

MAY.—Although a spell of severe cold for the time of year occurred early in the month, May may be considered to have been favourable from every point of view. There was an average mean temperature and rainfall, while the rainy days (13) fell slightly short of the average (15).

In Dublin lightning was seen on the night of the 5th; solar halos appeared on the 4th, 18th, and 22nd; sleet and snow fell on the 8th, hail on the 3rd, 4th, and 5th. The atmosphere was foggy on the 16th, 17th, and 22nd. A thick vapour fog occurred on the morning of the 16th.

JUNE.—The earlier portion of the month was fine and often bright. After the 13th the weather was cloudy, showery, and generally changeable and cool. The last three days were warm. The mean height of the barometer (29.970 inches) was almost identical with that of May (29.967 inches). The mean temperature was about one degree below that of June in the previous eighteen years. The rainfall (1.982 inches) was nearly the average (2.065 inches), while the rainy days (18) were four in excess. In Dublin thunder was heard on the 8th, and a thunderstorm occurred on the 9th. Hail fell on the 15th. A solar halo was seen on the 13th. Vapour fog prevailed on the 7th and 8th.

JULY.—A changeable, cool, and very showery month, with but little sunshine. At the beginning southerly winds prevailed, but after the 12th it blew most frequently from the north-westward. The mean temperature was nearly 3° below the average of the previous eighteen years. The rainfall (2.222 inches) was less than the average (2.523 inches), but the rainy days (23) were considerably in excess (average = 16.9). In Great Britain the month was remarkable for the frequency and severity of the thunderstorms which occurred.

In Dublin distant thunder was heard on the 5th, 13th, and 21st, but no severe thunderstorm occurred. Hail fell on the 21st. No solar or lunar halos were observed.

AUGUST.—The first half of the month was unsettled, with heavy rains and high winds. After the 14th there was a decided and permanent improvement, and the second half of the month was dry, comparatively bright, and warm. The mean temperature (58.6°) was as nearly as possible equal to the average temperature of August in Dublin during the eighteen years, 1865-1882, inclusive. The rainfall (8.807 inches) was in excess of the average (8.008 inches), but the rainy days were only 12 compared with an average of 16.1. After the 14th only .066 inch of rain fell on four days; whereas ten out of the first fourteen days were rainy—the registered rainfall amounting to 3.241 inches.

Except in a very violent thunderstorm on the 6th, there were no electrical disturbances in Dublin; on the 5th, however, forked lightning was seen over the sea at Ballybreen, co. Dublin. A lunar halo was seen on the 18th. The air was foggy on the evening of the 16th.

SEPTEMBER.—Rough and unsettled at the beginning and close, this was in general a favourable month—a period of quiet, fine weather lasting from the 8th to the 19th inclusive. The mean temperature was slightly below the average (54.7° compared with 55.5°). The rainfall (3.637 inches) was in excess—the average for September in the previous eighteen years being 2.274 inches. Of the total amount more than one-third (1.380 inches) fell on the 1st. The rainy days were 14, or nearly the average (14.5). Very violent storms occurred on the 1st and 28th, and the wind blew strongly on many days, both at the commencement and towards the end of the month.

A solar halo was seen on the 18th. An aurora showed on the night of the 5th. The air was foggy on the 13th and three following days, as well as on the 20th. At Greystones, co. Wicklow, the rainfall for the month was 4.68 inches on sixteen days.

OCTOBER.—Changeable as October generally is, this month proved no exception to the rule. The mean temperature was as nearly as possible equal to the average of the previous eighteen years, but it is noteworthy that the first week was decidedly colder than the last week, and that a remarkable increase of temperature occurred on the 7th, lasting for several days. The rainfall was considerably below the average (2.265 inches compared with 3.192 inches), and the rainy days (16) also fell short of the average (17.5).

In Dublin lightning was seen on the 3rd and 15th. Solar halos were observed on the 5th, 12th, 19th, and 22nd; lunar halos on the 11th and 15th. The atmosphere was foggy on the 8th, 12th, and 29th. A partial lunar eclipse was uncommonly well seen on the morning of Tuesday, the 16th.

NOVEMBER.—A very unsettled, rather cold month, notwithstanding the occurrence of many bright sunny days. The mean temperature was, it is true, only slightly below the average of the previous eighteen years (43.6°), but this was owing in great measure to a remarkable excess of temperature from the 27th to the 30th, and to the absence of any extreme cold. The rainfall was decidedly in excess (3.075 inches compared with an eighteen years' average of 2.319 inches), and the rainy days were 19, compared with a similar average of 16.8. A noteworthy feature of the month was the unwanted splendour of the dawn and sunset, and of the twilight "fore-glow" and "after-glow," on several occasions during the last week.

In Dublin lightning was seen on the 25th. Solar halos appeared on the 5th and 23rd. Hail and sleet fell on the 19th and 20th. The atmosphere was foggy on the 1st, 7th, 11th, 12th, 13th, 14th, and 15th.

DECEMBER.—An open, breezy, comparatively fine month. The mean temperature (42.5°) was 1.5° above the average of the previous eighteen years; whereas the rainfall (1.257 inches) and rainy days (13) were considerably below the average (2.614 inches and 17.0 days). Fresh to strong westerly winds were very prevalent during the first three weeks, but a calm foggy period commenced on the 23rd. There was very little frost. Snow was completely absent, but hail fell on the 14th and 15th. More or less fog was observed on the 23rd, 25th, and three following days. Lunar eclipses appeared on the 7th and 9th, and a lunar halo at 10:20 P.M. of the 14th. Glowing skies were again noticed before sunrise and after sunset on the relatively few occasions when the lower strata of the atmosphere were tolerably free of clouds.

Marriages, Births, and Deaths

MARRIAGES, BIRTHS, and DEATHS, with the number of Deaths from
and COUNTY: together

Registration Province and County*	Area, in Square Miles,	Popula- tion in 1881:	Marriages	Births	Deaths	The Deaths registered during the year					
						Deaths of			Deaths from		
						Children under one year of age.	Persons aged one year and upwards	Persons aged upwards and upwards	Smallpox	Malaria	Tuberculosis
IRELAND	7,259,216	5,274,554	21,420	318,926	96,263	31,270	46,123	9	119	3,713	964
PROVINCES											
I. LEINSTER	4,785,002	1,264,621	6,303	19,209	21,432	8,001	18,730	4	323	521	264
II. MUNSTER	4,042,613	1,245,699	4,387	19,650	22,314	8,799	19,420	3	199	328	466
III. ULSTER	5,404,305	1,777,259	7,071	20,507	20,623	8,899	19,650	38	313	326	136
IV. CONNAGHT	4,209,197	950,674	5,859	18,254	19,379	4,674	8,799	2	92	32	135
II. Leinster											
CARLOW	389,127	41,208	132	904	984	58	914	—	—	10	11
DEALY	229,239	410,213	3,665	11,730	11,960	2,000	8,814	—	97	264	147
KILDARE	464,284	82,924	363	10,763	10,983	150	659	—	4	8	5
KERRY	987,230	58,253	374	10,912	10,933	968	919	—	12	1	91
KINSEY	249,212	77,766	216	5,829	5,929	117	723	—	3	4	23
LOUTH	694,248	77,485	294	11,349	11,459	168	665	—	46	22	27
LOUTH	596,201	54,009	342	11,118	11,277	123	839	—	39	37	3
MEATH	671,215	60,610	343	10,882	11,081	61	632	—	5	—	6
QUEEN'S	207,200	58,315	228	10,295	10,393	190	932	—	8	8	12
WESTMEATH	292,238	41,310	174	945	946	98	412	—	3	15	9
WICKLOW	696,212	122,433	516	10,581	10,776	266	1,055	—	18	22	16
WICKLOW	478,313	66,937	936	1,760	1,843	117	865	—	6	36	3
II. Munster											
CARL	718,229	517,284	481	10,033	10,445	393	3,248	—	2	2	31
CORK	1,922,274	806,950	2,812	12,543	12,683	582	3,559	1	89	46	132
KERRY	1,165,215	184,462	606	4,212	4,286	392	3,377	—	2	94	32
LIMERICK	698,315	18,440	674	4,256	4,219	578	1,347	—	67	48	32
TEFFERICK	1,017,297	180,871	673	4,564	4,200	362	1,492	—	69	18	36
WATERFORD	412,200	182,810	515	3,698	3,564	235	1,182	—	13	8	43
III. Ulster											
ARMAGH	515,174	419,247	3,624	11,809	11,934	1,018	2,452	37	25	426	46
ANTRIM	572,194	264,389	372	4,299	4,048	433	1,519	—	129	388	28
CARL	403,210	142,592	280	3,986	2,910	212	1,072	—	38	18	24
DOWN	1,240,213	595,995	496	6,142	6,065	909	2,287	—	12	36	29
FERMANAGH	379,212	35,184	337	1,019	1,041	128	668	—	29	234	3
LEINSTER	202,200	174,614	760	3,917	3,922	925	1,478	—	7	199	20
MONMOUTH	241,200	113,804	589	2,087	2,040	312	515	—	46	9	31
TYRONE	822,213	263,382	334	3,956	3,918	314	2,012	—	80	18	87
IV. Connacht											
GALWAY	1,430,209	242,444	317	5,453	5,597	629	1,791	0	26	4	48
LEITRIM	229,228	31,294	269	1,247	1,037	180	130	—	21	13	9
MAILO	3,197,212	264,245	780	6,244	6,221	461	1,014	—	6	7	62
MONMOUTH	474,206	183,229	240	6,205	6,148	336	2,215	—	38	28	23
SLIGO	260,203	63,123	202	3,703	3,490	233	645	—	0	—	0

* The Registration Counties consist of groups of Superintendents Registrars' Districts or Poor Law Unions. Whenever a District consists, however, of the Registration Counties

+ Being a Summary of the Returns made

the principal ZIMOTIC DISEASES, registered in each REGISTRATION PROVINCE with VACCINATION STATISTICS.

are used by the Registers to make

Registration Province and County	Vaccination Returns for the Year 1883											
	Wholesome	Riparian	Family Quarantine and Disinfected Town	Family Poor	Plague	Cholera	Infectious Cases	Deaths in Public Institutions	Number of successful persons vaccinated	Number of cases in which vaccination was postponed	Number of persons successfully vaccinated	Total of the Returns
I. IRELAND.												
1,012	307	305	737	1,000	29	9,137	13,764	316,837	11,815	349	4,315	325,859
456	42	113	248	330	13	712	8,046	31,652	3,312	331	1,301	31,549
134	55	346	338	218	7	618	4,059	27,037	3,386	31	1,043	27,026
322	189	22	981	699	7	456	8,320	36,747	3,265	119	2,315	42,274
260	15	64	86	350	3	127	3,273	17,108	3,609	94	189	18,893
II. LEINSTER.												
1	1	1	19	4	+	0	148	814	94	1	10	945
518	16	43	254	389	7	212	2,519	8,459	457	2	260	8,452
6	16	2	0	28	1	51	262	4,656	181	3	65	4,649
+	5	4	7	24	2	43	347	3,875	165	43	107	3,768
2	4	12	16	21	+	42	318	3,273	199	+	89	3,175
120	1	19	0	31	1	38	124	1,420	314	50	72	1,222
5	3	2	34	17	3	87	218	2,264	187	5	123	2,270
1	1	2	18	5	+	31	205	1,271	35	14	16	1,188
1	7	8	6	2	+	42	185	1,150	190	19	89	1,079
35	+	9	0	8	+	21	197	947	144	85	57	1,372
12	6	8	0	26	+	79	372	5,721	310	7	169	5,381
4	1	2	3	13	+	42	148	1,088	233	7	82	1,021
III. MUNSTER.												
2	8	13	7	45	1	32	481	2,680	215	6	186	2,507
45	90	91	30	65	4	226	8,075	18,025	1,173	56	579	15,357
7	27	81	18	47	3	35	614	4,289	524	18	995	5,372
43	19	15	22	82	3	38	818	5,715	301	3	936	5,455
37	1	10	31	49	1	70	1,626	1,080	238	11	734	4,412
22	9	3	0	59	+	87	510	8,082	484	+	211	8,293
IV. ULSTER.												
+	1	13	0	1	+	1	1,165	13,309	639	10	738	13,219
265	49	32	94	312	2	314	1,165	1,304	459	6	912	4,647
39	38	8	22	73	2	29	597	1,264	459	+	1,264	1,264
30	5	6	26	58	+	45	914	2,026	628	28	187	2,024
31	9	7	21	37	1	48	780	3,931	263	14	131	4,024
79	15	6	69	76	2	79	349	4,012	267	9	219	5,180
17	+	2	4	4	+	26	133	1,429	147	11	73	1,559
13	8	5	20	47	+	72	818	2,286	216	1	984	4,031
15	5	9	33	53	1	36	258	1,525	939	17	106	1,931
68	13	4	12	47	+	26	378	3,714	367	19	304	4,075
V. Connacht.												
32	1	43	21	28	+	74	421	8,024	812	16	257	8,005
148	5	3	23	19	3	31	1,587	1,542	294	1	306	1,573
137	11	31	36	20	+	48	610	6,354	409	17	914	6,364
99	+	9	0	13	+	46	313	3,673	354	1	170	3,743
68	+	3	14	14	2	21	105	3,739	437	1	98	3,737

on Union extended into more than one County, it is restricted wholly to that County in which the greater portion of the population is.

older more or less than the Census Project.

by the Registers of the class of each quarter.

MARRIAGES, BIRTHS, and DEATHS, with the number of
SUPERINTENDENT REGISTRAR'S DISTRICT;

Counties and Superintendent Registrars' Districts,	Area, in Square Miles,	Popula- tion in 1891.	Marriages	Births	Deaths	The Deaths registered during the year			
						Deaths of		Deaths from	
						Children under One Year of Age	Frailty and Weakness	Malaria	Other Diseases
I. PROVINCE OF LEINSTER.									
1. County Co.									
1. County, -	155,187	61,238	158	394	365	82	274	-	16
2. Dublin Co.									
2. Ballyboden, -	78,298	31,667	94	440	373	43	185	-	4
3. Dublin, North, -	45,386	16,262	3,002	4,440	4,216	159	268	-	2
4. Dublin, South, -	45,389	20,284	3,002	5,080	5,071	1,308	1,430	-	00
5. Rathdown, -	61,213	25,935	387	3,057	3,260	171	410	-	16
3. Kilkenny Co.									
6. Athy, -	350,139	21,392	309	567	546	84	281	-	4
7. Celbridge, -	82,761	18,308	37	210	196	23	146	-	1
8. Naas, -	22,410	7,065	127	316	349	82	290	-	5
4. Wicklow Co.									
9. Celbridge, -	304,801	21,425	68	387	346	81	208	-	2
10. Castlemartin, -	67,420	13,412	62	349	374	23	189	-	0
11. Kilcullen, -	121,003	36,730	146	446	412	98	281	-	18
12. Thomaslawn, -	187,677	16,328	60	219	204	22	207	-	0
13. Ullingfeale, -	73,642	11,283	61	337	345	23	180	-	0
5. Kildare Co.									
14. Athy, -	273,208	34,374	47	611	599	91	293	-	3
15. Fernsdown, -	919,487	30,493	306	498	484	49	202	-	4
16. Tullamore, -	255,494	27,609	61	537	496	37	269	-	6
6. Longford Co.									
17. Ballynahon, -	180,878	13,166	21	313	318	28	146	-	2
18. Granard, -	134,550	8,322	11	268	257	14	204	-	2
19. Longford, -	180,800	23,276	32	306	324	23	259	-	2
7. Louth Co.									
20. Ardee, -	26,213	11,194	61	248	279	45	201	-	3
21. Dungleesh, -	10,962	21,220	214	237	206	62	229	-	4
22. Dundalk, -	204,422	45,101	232	1,610	1,727	23	340	-	12
8. Meath Co.									
23. Dunshaughlin, -	106,399	20,863	64	313	319	21	82	-	1
24. Kells, -	105,651	20,663	65	413	363	21	189	-	12
25. Navan, -	24,002	11,662	74	894	833	19	154	-	0
26. Trim, -	119,532	20,254	68	340	324	52	212	-	0
9. Queen's Co.									
27. Abbeyfeale, -	101,187	34,181	46	302	324	22	178	-	0
28. Donaghmore, -	21,283	7,161	39	149	160	14	72	-	0
29. Moate, -	99,653	24,002	343	373	616	36	317	-	0
10. Westmeath Co.									
30. Bellville, -	24,220	10,743	46	991	912	21	156	-	5
31. Mullingar, -	204,081	20,279	159	344	328	23	208	-	21
11. Wicklow Co.									
32. Enniskerry, -	106,640	21,128	185	377	395	71	356	-	7
33. Gorey, -	120,058	29,654	76	658	681	56	214	-	4
34. New Ross, -	171,208	27,429	152	409	398	77	214	-	2
35. Wexford, -	126,904	23,753	274	399	356	58	207	-	1
12. Wicklow Co.									
36. Baltinglass, -	123,120	16,448	73	301	322	35	137	-	6
37. Rathdrum, -	207,041	32,600	249	385	318	48	203	-	20
38. Kilpedder, -	166,055	13,558	51	343	295	21	143	-	3

DEATHS from the principal ZYMOtic DISEASES, registered in each together with VACCINATION STATISTICS.

are stated by the Registrars to include

Ward/Parish Registration Districts	Deaths from Small-pox and small-poxed Terns	Deaths from Diphtheria	Deaths from Scarlet FEVER	Deaths from Cholera	Deaths from Infect. Chol.	Deaths in Public Institu- tions	Number of successful pro- tection performances	Number of Cases in which Vaccination was per- formed	Number of Persons immu- nised by Vaccination	No. of Unimmunised Child- ren whose Deaths, or Deaths of Persons who were not immunised, occurred during the year	Total of the foregoing	Counties and Superintendent Registrars' Districts
1	1	1	39	4	+	9	345	651	34	3	20	913
2	2	2	2	2	+	0	22	419	29	+	37	419
3	3	3	26	224	4	66	1,200	9,016	126	8	205	9,000
4	4	4	28	187	2	514	1,094	4,222	916	2	846	4,000
5	5	5	32	56	+	35	281	3,339	81	+	110	3,228
6	6	6	5	13	3	39	276	626	39	+	45	710
7	7	7	+	+	+	7	21	339	39	+	9	342
8	8	8	4	28	+	24	88	235	38	8	22	338
9	9	9	4	28	+	24	88	235	38	8	22	338
10	10	10	2	2	2	10	71	421	26	+	29	429
11	11	11	2	2	2	5	57	295	14	+	26	314
12	12	12	2	2	2	5	57	295	14	+	26	314
13	13	13	2	2	2	5	57	295	14	+	26	314
14	14	14	2	2	2	5	57	295	14	+	26	314
15	15	15	2	2	2	5	57	295	14	+	26	314
16	16	16	2	2	2	5	57	295	14	+	26	314
17	17	17	2	2	2	5	57	295	14	+	26	314
18	18	18	2	2	2	5	57	295	14	+	26	314
19	19	19	2	2	2	5	57	295	14	+	26	314
20	20	20	2	2	2	5	57	295	14	+	26	314
21	21	21	2	2	2	5	57	295	14	+	26	314
22	22	22	2	2	2	5	57	295	14	+	26	314
23	23	23	2	2	2	5	57	295	14	+	26	314
24	24	24	2	2	2	5	57	295	14	+	26	314
25	25	25	2	2	2	5	57	295	14	+	26	314
26	26	26	2	2	2	5	57	295	14	+	26	314
27	27	27	2	2	2	5	57	295	14	+	26	314
28	28	28	2	2	2	5	57	295	14	+	26	314
29	29	29	2	2	2	5	57	295	14	+	26	314
30	30	30	2	2	2	5	57	295	14	+	26	314
31	31	31	2	2	2	5	57	295	14	+	26	314
32	32	32	2	2	2	5	57	295	14	+	26	314
33	33	33	2	2	2	5	57	295	14	+	26	314
34	34	34	2	2	2	5	57	295	14	+	26	314
35	35	35	2	2	2	5	57	295	14	+	26	314
36	36	36	2	2	2	5	57	295	14	+	26	314
37	37	37	2	2	2	5	57	295	14	+	26	314
38	38	38	2	2	2	5	57	295	14	+	26	314
39	39	39	2	2	2	5	57	295	14	+	26	314
40	40	40	2	2	2	5	57	295	14	+	26	314
41	41	41	2	2	2	5	57	295	14	+	26	314
42	42	42	2	2	2	5	57	295	14	+	26	314
43	43	43	2	2	2	5	57	295	14	+	26	314
44	44	44	2	2	2	5	57	295	14	+	26	314
45	45	45	2	2	2	5	57	295	14	+	26	314
46	46	46	2	2	2	5	57	295	14	+	26	314
47	47	47	2	2	2	5	57	295	14	+	26	314
48	48	48	2	2	2	5	57	295	14	+	26	314
49	49	49	2	2	2	5	57	295	14	+	26	314
50	50	50	2	2	2	5	57	295	14	+	26	314
51	51	51	2	2	2	5	57	295	14	+	26	314
52	52	52	2	2	2	5	57	295	14	+	26	314
53	53	53	2	2	2	5	57	295	14	+	26	314
54	54	54	2	2	2	5	57	295	14	+	26	314
55	55	55	2	2	2	5	57	295	14	+	26	314
56	56	56	2	2	2	5	57	295	14	+	26	314
57	57	57	2	2	2	5	57	295	14	+	26	314
58	58	58	2	2	2	5	57	295	14	+	26	314
59	59	59	2	2	2	5	57	295	14	+	26	314
60	60	60	2	2	2	5	57	295	14	+	26	314
61	61	61	2	2	2	5	57	295	14	+	26	314
62	62	62	2	2	2	5	57	295	14	+	26	314
63	63	63	2	2	2	5	57	295	14	+	26	314
64	64	64	2	2	2	5	57	295	14	+	26	314
65	65	65	2	2	2	5	57	295	14	+	26	314
66	66	66	2	2	2	5	57	295	14	+	26	314
67	67	67	2	2	2	5	57	295	14	+	26	314
68	68	68	2	2	2	5	57	295	14	+	26	314
69	69	69	2	2	2	5	57	295	14	+	26	314
70	70	70	2	2	2	5	57	295	14	+	26	314
71	71	71	2	2	2	5	57	295	14	+	26	314
72	72	72	2	2	2	5	57	295	14	+	26	314
73	73	73	2	2	2	5	57	295	14	+	26	314
74	74	74	2	2	2	5	57	295	14	+	26	314
75	75	75	2	2	2	5	57	295	14	+	26	314
76	76	76	2	2	2	5	57	295	14	+	26	314
77	77	77	2	2	2	5	57	295	14	+	26	314
78	78	78	2	2	2	5	57	295	14	+	26	314
79	79	79	2	2	2	5	57	295	14	+	26	314
80	80	80	2	2	2	5	57	295	14	+	26	314
81	81	81	2	2	2	5	57	295	14	+	26	314
82	82	82	2	2	2	5	57	295	14	+	26	314
83	83	83	2	2	2	5	57	295	14	+	26	314
84	84	84	2	2	2	5	57	295	14	+	26	314
85	85	85	2	2	2	5	57	295	14	+	26	314
86	86	86	2	2	2	5	57	295	14	+	26	314
87	87	87	2	2	2	5	57	295	14	+	26	314
88	88	88	2	2	2	5	57	295	14	+	26	314
89	89	89	2	2	2	5	57	295	14	+	26	314
90	90	90	2	2	2	5	57	295	14	+	26	314
91	91	91	2	2	2	5	57	295	14	+	26	314
92	92	92	2	2	2	5	57	295	14	+	26	314
93	93	93	2	2	2	5	57	295	14	+	26	314
94	94	94	2	2	2	5	57	295	14	+	26	314
95	95	95	2	2	2	5	57	295	14	+	26	314
96	96	96	2	2	2	5	57	295	14	+	26	314
97	97	97	2	2	2	5	57	295	14	+	26	314
98	98	98	2	2	2	5	57	295	14	+	26	314
99	99	99	2	2	2	5	57	295	14	+	26	314
100	100	100	2	2	2	5	57	295	14	+	26	314
101	101	101	2	2	2	5	57	295	14	+	26	314
102	102	102	2	2	2	5	57	295	14	+	26	314
103	103	103	2	2	2	5	57	295	14	+	26	314
104	104	104	2	2	2	5	57	295	14	+	26	314
105	105	105	2	2	2	5	57	295	14	+	26	314
106	106	106	2	2	2	5	57	295	14	+	26	314
107	107	107	2	2	2	5	57	295	14	+	26	314
108	108	108	2	2	2	5	57	295	14	+	26	314
109	109	109	2	2	2	5	57	295	14	+	26	314
110	110	110	2	2	2	5	57	295	14	+	26	314
111	111	111	2	2	2	5	57	295	14	+	26	314
112	112	112	2	2	2	5	57	295	14	+	26	314
113	113	113	2	2	2	5	57	295	14	+	26	314
114	114	114	2	2	2	5	57	295	14	+	26	314
115	115	115	2	2	2	5	57	295	14	+	26	314
116	116	116	2	2	2	5	57	295	14	+	26	314
117	117	117	2	2	2	5	57	295	14	+	26	314
118	118	118	2	2	2	5	57	295	14	+	26	314
119	119	119	2	2	2	5	57	295	14	+	26	314
120	120	120	2	2	2	5	57	295	14	+	26	314
121	121	121	2	2	2	5	57	295	14	+	26	314
122	122	122	2	2	2	5	57	295	14	+	26	314
123												

MARRIAGES, BIRTHS, AND DEATHS, WITH THE NUMBER OF
SUPERINTENDENT REGISTRAR'S DISTRICT;

County and Superintendent Registrar's District.	Area, in Square Acres.	Popu- lation in 1861.	Marriages	Births	Deaths	The Deaths registered during the year											
						Deaths of			Deaths from								
						Children under One Year of Age	Persons aged 60 Years and upwards	Unknown	Insanity	Accidents	Other Deaths						
II. PROVINCE OF LEINSTER.																	
13. Clare Co.																	
40 Ballyvaughan, . . .	71,459	8,924	56	330	90	4	50	-	-	-	-	-					
41 Corofin, . . .	61,219	6,639	10	238	81	19	54	-	-	-	-	-					
42 Ennis, . . .	112,046	16,688	84	528	410	26	307	-	-	-	-	-					
43 Enniskeane, . . .	98,761	21,339	47	473	350	22	169	-	-	-	-	-					
44 Edenderry, . . .	63,125	12,379	61	336	128	37	184	-	-	-	-	-					
45 Killaloe, . . .	186,210	24,065	121	613	502	67	246	-	-	-	-	-					
46 Moher, . . .	36,204	5,594	27	261	186	12	115	-	-	-	-	-					
47 Tulla, . . .	77,919	10,232	28	370	508	39	255	-	1	-	4	-					
14. Cork Co.																	
48 Blarney, . . .	161,448	26,782	87	370	244	49	162	-	-	-	-	-					
49 Ballycotton, . . .	386,945	44,122	47	382	355	21	213	-	-	-	-	-					
50 Castletown, . . .	73,645	11,004	26	366	193	20	90	-	-	-	-	-					
51 Clashmore, . . .	92,465	20,549	44	358	232	29	204	-	-	-	-	-					
52 Cork, . . .	129,733	34,236	83	2,112	2,002	413	1,859	1	43	82	73	-					
53 Denny, . . .	341,317	25,638	44	432	256	56	161	-	-	-	-	-					
54 Fethard, . . .	33,249	5,574	218	648	505	69	236	-	-	-	-	-					
55 Kinsale, . . .	128,325	20,694	508	325	489	20	216	-	-	-	-	-					
56 Kinsale, . . .	22,621	21,001	92	482	354	21	158	-	-	-	-	-					
57 Macroom, . . .	171,180	20,442	37	745	672	46	204	-	-	-	-	-					
58 Mallow, . . .	149,516	21,737	74	425	412	42	245	-	-	-	-	-					
59 Mallow, . . .	140,204	27,932	186	362	475	38	232	-	-	-	-	-					
60 Mallow, . . .	74,804	12,921	26	370	186	39	187	-	-	-	-	-					
61 Mallow, . . .	66,517	11,764	28	390	233	39	120	-	-	-	-	-					
62 Skibbereen, . . .	113,336	20,250	111	368	489	47	550	-	-	-	-	-					
63 Skibbereen, . . .	25,109	12,002	94	267	129	20	93	-	-	-	-	-					
64 Togher, . . .	70,554	20,612	67	359	232	36	279	-	-	-	-	-					
15. County Co.																	
65 Caherconrath, . . .	197,461	26,192	181	694	546	74	156	-	-	-	-	-					
66 Dingle, . . .	121,373	23,142	78	294	815	49	154	-	-	-	-	-					
67 Killarney, . . .	136,552	34,730	53	407	122	27	85	-	-	-	-	-					
68 Killarney, . . .	55,297	14,550	194	3,248	693	71	596	-	-	-	-	-					
69 Listowel, . . .	125,388	34,003	112	528	515	94	214	-	5	46	4	-					
70 Tralee, . . .	210,547	30,579	200	1,965	1,256	180	310	-	5	165	11	-					
16. Limerick Co.																	
71 Croom, . . .	92,224	10,509	41	221	276	28	213	-	6	3	1	-					
72 Glanmire, . . .	69,687	12,112	27	271	216	28	123	-	4	44	2	-					
73 Killaloe, . . .	165,219	20,319	125	223	209	62	308	-	12	2	3	-					
74 Limerick, . . .	177,552	75,881	451	1,102	1,004	224	679	-	26	23	37	-					
75 Newmarket, . . .	143,034	26,222	59	219	815	39	237	-	1	31	8	-					
76 Nenagh, . . .	79,553	13,354	38	378	288	38	140	-	2	9	2	-					
17. Tipperary Co.																	
77 Borrisokane, . . .	43,839	10,680	58	213	153	12	66	-	-	-	-	-					
78 Cashel, . . .	242,337	24,279	63	441	402	48	213	-	21	3	2	-					
79 Clogheen, . . .	111,612	20,339	64	438	220	56	108	-	-	-	-	-					
80 Clonmel, . . .	61,787	9,400	105	447	478	31	171	-	2	2	1	-					
81 Kilkenny, . . .	182,088	26,288	42	698	612	39	268	-	-	-	-	-					
82 Roscrea, . . .	116,453	18,919	68	818	252	21	347	-	-	-	-	-					
83 Tullamore, . . .	142,242	26,987	312	611	430	59	215	-	5	3	1	-					
84 Tipperary, . . .	170,209	41,023	216	686	591	63	216	-	20	-	12	-					
18. Waterford Co.																	
85 Carrick on Suir, . . .	112,616	20,812	77	412	609	62	130	-	-	-	-	-					
86 Dungarvan, . . .	94,944	16,120	79	482	655	48	928	-	6	-	9	-					
87 Kilmeadan, . . .	24,678	20,728	23	385	122	99	100	-	2	-	-	-					
88 Lismore, . . .	97,515	17,254	75	493	214	46	119	-	2	-	-	-					
89 Waterford, . . .	159,720	56,139	265	1,370	1,214	148	459	-	4	7	37	-					

DEATHS from the principal ZYMOTIC DISEASES registered in each
together with VACCINATION STATISTICS—continued.

MARRIAGES, BIRTHS, AND DEATHS, WITH THE NUMBER OF
SUPERINTENDENT REGISTRAR'S DISTRICT;

Districts and Superintendent Registrars' Districts, Baronies,	Area, in Statute Acres	Popu- lation in 1871	Marriages	Births	Deaths	The Deaths registered during the year						
						Deaths of			Deaths from			
						Children under one year old	Persons aged 20 years and upwards	Insane	Ship-pow-	Wind	Starvation	Typhus
III. PROVINCE OF ULSTER.												
19. Antrim Co.												
191. Antrim, . . .	315,157	20,751	346	860	673	73	219	1	48	0		
192. Ballymills, . . .	162,187	14,326	23	223	188	38	116	1	1	1		
193. Ballymena, . . .	141,189	16,294	265	1,003	1,182	147	433	1	7	0		
194. Ballymoney, . . .	135,311	16,045	167	712	529	31	216	1	1			
195. Belfast, . . .	46,912	20,550	1,026	7,055	6,299	1,165	1,002	17	22	234	1	
196. Larne, . . .	217,081	16,560	167	554	493	76	218	1	7	0		
20. Armagh Co.												
197. Armagh, . . .	124,517	12,925	30	3,243	3,311	126	563	1	93	0		
198. Lurgan, . . .	79,543	11,949	5	1,863	1,139	393	418	1	79	1		
199. Newry, . . .	210,376	41,222	318	1,301	1,118	354	345	1	10	13		
21. Down Co.												
200. Ballynahinch, . . .	61,612	13,736	61	446	359	36	350	1	9	1		
201. Ballynahoy, . . .	39,459	11,181	74	403	321	23	214	1	2			
202. Castlewellan, . . .	101,389	16,345	141	477	387	61	200	1	29	0	30	
203. Comber, . . .	103,145	20,238	93	336	423	45	323	1	5	1		
204. Oldpark, . . .	53,566	21,182	20	470	345	28	169	1	13	0	4	1
22. Donegal Co.												
205. Ballyshannon, . . .	122,229	36,312	61	585	481	52	218	1	87	1	5	
206. Donegal, . . .	103,933	23,312	69	430	362	24	159	1	2	0	6	
207. Dromore, . . .	138,018	16,731	75	404	329	38	131	1				
208. Glenties, . . .	252,070	57,581	386	795	618	81	293	1				
209. Letterkenny, . . .	120,429	22,024	302	726	435	47	209	1	4	1	2	
210. Leckenby, . . .	181,567	12,173	28	282	275	22	149	1	0	0		
211. Milltown, . . .	118,314	58,351	72	333	316	34	264	1				
212. Stranorlar, . . .	221,122	37,442	69	234	248	18	120	1				
23. Down Co.												
213. Ballynahinch, . . .	125,318	20,512	223	1,187	1,176	312	316	1	53	1		
214. Downpatrick, . . .	161,642	22,102	376	1,374	1,084	79	482	1	7	0	6	
215. Kilkeel, . . .	62,254	10,175	129	468	344	21	182	1	12	0		
216. Lisburn, . . .	133,071	14,413	243	1,289	1,181	187	870	1	125	1		
217. Newry, . . .	93,696	18,251	240	1,187	964	116	248	1	30	1		
24. Fermanagh Co.												
218. Enniskillen, . . .	204,092	46,728	276	823	615	93	523	1	1	1	1	
219. Irvinestown, . . .	73,703	17,468	48	367	246	10	107	1	0	0		
220. Lisnaskea, . . .	91,508	26,514	61	345	220	28	104	1				
25. Londonderry Co.												
221. Coleraine, . . .	113,865	26,182	363	872	818	83	280	1				
222. Limavady, . . .	103,721	26,211	93	519	493	48	361	1	4			
223. Londonderry, . . .	94,431	52,173	216	1,416	5,729	326	386	1	180	1		
224. Magherafelt, . . .	125,719	36,879	559	1,329	125	38	496	1				
26. Monaghan Co.												
225. Clogher, . . .	46,032	15,427	29	420	329	25	130	1	21	1	2	
226. Cahircloghy, . . .	34,301	23,429	224	402	409	48	244	1	37	2	4	
227. Clogher, . . .	73,766	93,016	68	346	228	19	125	1	6	1	2	
228. Monaghan, . . .	123,244	36,917	121	636	619	59	582	1	2	1	2	
27. Tyrone Co.												
229. Caledon, . . .	25,784	10,516	27	200	191	19	133	1	1	1	0	
230. Clogher, . . .	101,072	22,311	65	412	403	22	340	1	1	1	2	
231. Cookstown, . . .	86,729	26,106	123	521	438	48	256	1	3	4	0	
232. Dungannon, . . .	103,545	41,313	178	727	736	54	613	1	2	2	17	
233. Gortin, . . .	121,291	16,329	69	871	203	19	139	1	9	1	1	
234. Omagh, . . .	124,217	45,765	187	919	745	187	874	1	39	1	4	
235. Strabane, . . .	124,461	37,319	133	646	512	33	811	1	8	1	4	

DEATHS from the principal ZYMOTIC DISEASES registered in each
quarter with VACCINATION STATISTICS—continued.

...should be the first steps to include

MARRIAGES, BIRTHS, AND DEATHS, WITH THE NUMBER OF
SUPERINTENDENT REGISTRAR'S DISTRICT;

Counties and Superintendent Registrars' Districts.	Area, in Square Acres.	Popu- lation in 1881.	Marriages.	Births.	Deaths.	The Deaths registered during the year				
						Deaths of		Deaths from		
						Children under one year of age	Persons aged and above	Infant-sick	Murder	Scrofula
IV. PROVINCE OF CONNAUGHT.										
28. Galway Co.										
134 Ballinasloe, . . .	300,167	32,035	47	415	345	59	145	—	3	—
135 Clifden, . . .	180,265	24,210	27	430	332	23	360	—	—	2
136 Galway, . . .	187,482	45,181	171	1,064	257	596	322	—	—	2
137 Glenmacnass, . . .	200,716	20,074	45	492	265	29	189	—	—	18
138 Gort, . . .	190,649	10,618	28	263	181	29	92	—	2	1
139 Loughrea, . . .	210,312	20,297	59	460	279	32	230	—	—	—
140 Mountbellew, . . .	200,355	21,016	32	425	313	36	145	—	4	6
141 Oughterard, . . .	172,780	20,790	48	213	204	22	137	—	12	1
142 Portumna, . . .	171,462	13,219	18	260	159	81	87	—	—	5
143 Tuam, . . .	300,619	30,322	27	1,063	814	80	333	—	4	3
29. Leitrim Co.										
144 Carrick-on-Shannon, .	190,220	30,001	50	571	483	71	180	—	8	10
145 Knockanagh, . . .	144,347	20,125	32	373	164	38	316	—	2	3
146 Multy, . . .	80,555	20,309	18	309	410	34	166	—	31	—
30. Mayo Co.										
147 Ballinrobe, . . .	130,623	30,020	74	484	374	39	319	—	—	—
148 Ballinrobe, . . .	145,550	28,218	47	361	272	48	199	—	—	4
149 Ballinalacken, . . .	171,212	18,451	37	362	188	57	87	—	—	—
150 Castlebar, . . .	210,808	35,212	100	720	480	61	314	—	—	—
151 Cavanavar, . . .	118,755	20,325	38	558	396	39	213	—	—	—
152 Kilala, . . .	104,942	19,316	24	218	102	26	66	—	—	—
153 Newport, . . .	172,413	16,213	28	696	269	28	10	—	1	—
154 Spiddal, . . .	181,674	30,736	138	1,425	873	320	243	—	3	10
155 Westport, . . .	175,308	36,181	117	692	212	16	297	—	—	37
31. Roscommon Co.										
156 Athlone, . . .	120,440	31,207	143	1,256	849	56	207	—	6	29
157 Boyle, . . .	180,386	61,215	184	646	582	80	596	—	1	6
158 Castlebar, . . .	205,940	43,442	126	1,064	772	78	263	—	3	9
159 Roscommon, . . .	214,064	20,493	48	616	315	39	186	—	2	2
160 Strokestown, . . .	80,636	31,204	20	378	271	26	165	—	16	3
32. Sligo Co.										
161 Dromore West, . . .	85,988	13,248	69	272	196	18	218	—	—	—
162 Sligo, . . .	340,328	45,065	181	812	621	38	362	—	—	2
163 Tubbercurry, . . .	123,774	26,221	32	438	299	37	235	—	—	2

DEATHS from the principal ZYMOTIC DISEASES registered in each together with VACCINATION STATISTICS—continued.

as stated by the Registrars to each other.

Vaccination Returns for the Year.

Registration Districts.	Districts.	Deaths from				Deaths in Public Institutions.	Deaths of successful persons vaccinated.	Number of Deaths in which Vaccination was performed.	Number of Persons made incapable of Vaccination.	Number of Unvaccinated Children under 1 year old, whose deaths were registered during the Year.	Total of the Returns.	Counties and Superintendents Registrars' Districts.
		Smallpox and II-Child. Fever.	Scarlet Fever.	Measles.	Cholera.							
13	-	11	9	1	1	27	86	240	9	33	400	Dallasser.
14	-	11	2	0	0	8	51	311	39	13	374	Cavan.
15	-	37	2	0	0	34	326	1,221	58	-	63	1,613
16	-	-	6	0	0	1	29	521	53	-	16	207
17	-	-	6	0	0	7	26	264	1	-	13	106
18	-	-	0	0	0	2	96	697	30	27	94	414
19	1	9	1	0	0	2	22	656	43	6	94	476
20	-	2	0	0	0	2	22	219	85	1	32	219
21	-	0	0	0	0	8	67	268	135	-	43	349
22	-	0	0	0	0	-	-	-	-	-	0	0
IV. PROVINCE OF CONNAUGHT.												
26. Galway Co.												
23	-	11	0	0	0	0	62	614	61	-	91	381
24	-	0	0	0	0	0	55	274	102	-	32	180
25	-	0	0	0	0	4	62	413	48	-	37	447
26	-	0	0	0	0	-	-	-	-	-	-	-
27. Leitrim Co.												
27	-	0	0	0	0	0	62	393	168	-	31	364
28	-	0	0	0	0	6	58	497	393	-	39	902
29	-	0	0	0	0	1	93	481	25	6	20	613
30	-	0	0	0	0	0	12	727	72	2	37	613
31	-	0	0	0	0	4	29	388	87	9	26	544
32	-	0	0	0	0	1	12	393	14	3	39	248
33	-	0	0	0	0	0	18	677	46	4	21	656
34	-	0	0	0	0	4	65	3,274	171	1	83	3,412
35	-	0	0	0	0	0	47	511	85	-	25	886
28. Mayo Co.												
36	-	1	0	0	0	21	67	873	168	0	86	828
37	-	1	0	0	0	20	68	279	84	-	38	566
38	-	0	0	0	0	0	21	310	92	-	27	1,317
39	-	0	0	0	0	0	18	431	68	-	21	417
40	-	0	0	0	0	0	7	23	258	54	-	617
29. Roscommon Co.												
41	-	1	0	0	0	21	68	878	77	1	36	870
42	-	0	0	0	0	21	68	982	581	-	46	1,312
43	-	0	0	0	0	0	59	889	136	-	38	833
30. Sligo Co.												
44	-	0	0	0	0	0	18	878	77	1	36	870
45	-	0	0	0	0	0	21	982	581	-	46	1,312
46	-	0	0	0	0	0	59	889	136	-	38	833

ABSTRACT OF METEOROLOGICAL OBSERVATIONS taken at 40, Parnell-square, West, Dublin, during the Year 1883, by J. W. MOORE, M.D., F.R.C.P., F.R.M.R.S.

Long. 6° 45' W.; Lat. 53° 20' N.; Height above Mean Sea Level, 51 feet; Thermometer, 4 feet above ground; Rain Gauge, 3 feet 4 inches above ground.

Meteorological Observations.

1883.	MEAN PRESSURE INCHES 12000 10000 8000 6000 4000 2000 0	AIR TEMPERATURE			PRESSURE OF VAPOR.			ABSTRACTION WATER.			WIND.		
		MEAN 12000 10000 8000 6000 4000 2000 0			MEAN 12000 10000 8000 6000 4000 2000 0			MEAN 12000 10000 8000 6000 4000 2000 0			MEAN 12000 10000 8000 6000 4000 2000 0		
		MEAN PRESSURE INCHES 12000 10000 8000 6000 4000 2000 0	MEAN 12000 10000 8000 6000 4000 2000 0										
January, -	39.745	43.3	0	0	0	0	0	0	0	0	0	0	0
February, -	39.704	42.6	43.6	50.9	44.2	39.1	38.0	37.7	36.7	35.7	34.7	33.7	32.7
March, -	40.604	37.4	38.2	38.1	38.0	37.9	37.8	37.6	37.5	37.4	37.3	37.1	36.8
1st Quarter, -	39.942	43.8	43.7	43.4	43.1	42.9	42.8	42.7	42.6	42.5	42.4	42.3	42.0
April, -	39.879	47.2	48.4	46.9	49.0	47.4	46.9	46.0	45.9	45.8	45.7	45.6	45.5
May, -	39.841	48.4	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
June, -	39.709	47.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
July, -	39.738	49.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
August, -	39.740	49.6	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
September, -	39.831	49.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
October, -	39.712	48.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
November, -	39.645	47.4	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
December, -	39.583	47.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
January, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
February, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
March, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
April, -	39.512	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
May, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
June, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
July, -	39.512	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
August, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
September, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
October, -	39.512	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
November, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
December, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
January, -	39.512	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
February, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
March, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
April, -	39.512	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
May, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
June, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
July, -	39.512	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
August, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
September, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
October, -	39.512	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
November, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
December, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
January, -	39.512	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
February, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
March, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
April, -	39.512	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
May, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
June, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
July, -	39.512	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
August, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
September, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
October, -	39.512	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
November, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
December, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
January, -	39.512	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
February, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
March, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
April, -	39.512	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
May, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
June, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
July, -	39.512	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
August, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
September, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
October, -	39.512	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
November, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
December, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
January, -	39.512	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
February, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
March, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
April, -	39.512	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
May, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
June, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
July, -	39.512	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
August, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
September, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
October, -	39.512	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
November, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
December, -	39.519	47.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
January, -	39.512	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
February, -	39.510	47.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
March, -	39.519	47.2											

TABLE showing the average Monthly MEAN TEMPERATURE, AMOUNT OF CLOUD, RAINFALL in Inches and Number of RAINY DAYS for the Thirteen Years 1870-1882, inclusive; and the Monthly MEAN TEMPERATURE, AMOUNT OF CLOUD, RAINFALL in Inches, and Number of RAINY DAYS for the year 1883.

[For detailed Table for 1883, see page 90.]

Month.	Mean Temperature, Fahr.		Percentage amount of Cloud.		Rainfall in Inches		Rainy Days.	
	1870-82 Average.	1883	1870-82 Average.	1883	1870-82 Average.	1883	1870-82 Average.	1883
January, . . .	59	60	22	22	2.613	2.613	19.1	30
February, . . .	61.9	62.6	22.2	22.3	2.558	2.558	17.9	37
March, . . .	69.3	69.9	32.8	31.1	1.936	1.946	17.7	29
April, . . .	74.4	73.8	21.6	20.9	2.146	2.087	13.6	30
May, . . .	77.9	76.7	21.7	21.6	2.656	2.653	13.4	33
June, . . .	79.8	79.2	31.6	30.5	2.248	2.313	16.9	18
July, . . .	81.2	81.0	30.9	31.1	2.254	2.216	21.0	29
August, . . .	81.4	81.3	30.9	30.4	2.673	2.587	18.6	14
September, . . .	80.1	79.9	30.8	30.9	2.730	2.627	14.9	24
October, . . .	79.1	79.8	30.8	31.2	2.384	2.286	18.6	36
November, . . .	69.1	69.5	31.9	31.8	2.435	2.374	17.9	13
December, . . .	59.8	61.6	31.2	31.6	2.648	1.997	21.2	18
Total and Means, . . .	69.6	68.9	22.2	22.2	2.613	2.613	19.1	30

